Technical Information Bulletin

SUBJECT: GR3770 Ink Overflow **Document No.: 20269**

[ ] Factory Modification [ ] Field Modification [ ] Safety Information [X] Technical Information [ ] General Information [ ] Adv. Tech Information	Applies to: GR3770's with ROM version 2.10	Modification Schedule: [ ] TBS [ ] Next Call [ ] Next PM [X] As Necessary	Factory Installed_____ Field Installed_____ FittingTime _____

Summary: If a GR3770 using ROM Ver. 2.10 detects a low ink condition while Test Mode 117, 118, 119, or 120 is initiated, the Ink Pump may turn on and remain on until a "T4" Overflow Condition results. If this occurs, the Drum will have to be removed and cleaned of excess ink.

No.	Test Item
117	**Thermal print head check operation 1** Makes a master of test pattern #1 memorized in the Image processing PCB.
118	**Thermal print head check operation 2** Makes a master of test pattern #2 memorized in the Image processing PCB.
119	**Thermal print head check operation 3** *(Except for GR1750/1700)* Makes a master of test pattern #3 memorized in the Image processing PCB.
120	**Thermal print head check operation 4** *(Except for GR1750/1700)* Makes a master of test pattern #4 memorized in the Image processing PCB.

Procedure: To avoid the "T4" Overflow Condition described above please adhere to the following procedure.

1. Always listen for the Ink Pump Motor while in one of the indicated Test Modes.
2. If the Ink Pump energizes, turn the unit OFF.

IMPORTANT

3. Power back up in Test Mode 61 and press Start to rotate the Drum. This should cause a proper ink bead to form between the Doctor Roller and Squeegee Roller.
4. Turn the unit OFF/ON to exit Test Mode. The Ink Sensor should now detect the ink bead. If it doesn't, repeat steps 3 and 4.